

ABSTRACT OF THE DISCLOSURE

A solid-state image pickup apparatus is provided having a solid-state image pickup device for generating an information charge in response to an image of which light was received, a drive circuit for transferring the information charge accumulated in the solid-state image pickup device, and outputting the information charge, a power supply for generating a predetermined voltage in accordance with an input amount of voltage booster pulses and supplying the predetermined voltage to the solid-state image pickup device and the drive circuit and a pulse generator circuit for generating and supplying the voltage booster pulses to the power supply. The pulse generator circuit stops generation of the voltage booster pulses in accordance with a termination of an information charge readout operation of one screen pickup period from the image pickup device, and when the drive circuit executes an electronic shutter operation, which discharges the information charge that has accumulated in the solid-state image pickup device to resume accumulation, the voltage booster pulses are generated over a predetermined voltage booster period prior to the electronic shutter operation at a higher frequency than the information charge readout operation to boost the voltage of the power supply.